

# **SYSTEMS AND METHODS FOR OVERCOMING STICTION USING A LEVER**

## **ABSTRACT OF THE DISCLOSURE**

[0103] A microstructure is provided including a base layer underlying a first and second  
5 structural plates. Operation of the microstructure is capable of overcoming stiction. Methods  
of operation include providing an edge of the first structural plate in contact with a contact  
point. A second structural plate is deflected in a way that overcomes stiction between the  
first structural plate and the contact point. Such deflection can include providing a prying  
force to lift the first structural plate or a hammering force to disturb any stiction related forces  
10 at the contact point.

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